



#3

DOCKET NO.: CS90039C01

## UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Mark E. Pecen

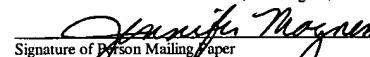
APPLICATION NO.: 09/884,781

FILED: 6/19/01

GROUP ART UNIT: 2681

TITLE: METHOD AND APPARATUS FOR ANONYMOUS NETWORK ACCESS  
IN THE ABSENCE OF A MOBILE SUBSCRIBER IDENTITY MODULECertificate of MailingDate of deposit: 10/09/01

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C.

  
Signature of Person Mailing PaperJennifer Magness  
Printed Name of Person Mailing Paper

Assistant Commissioner for Patents  
Washington, D.C. 20231

Attention: Customer Service Center  
Initial Patent Examination Division

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

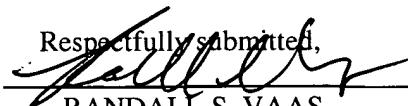
Sir:

Responsive to the Notice to File Missing Parts of Application dated 7/16/01, please find enclosed:

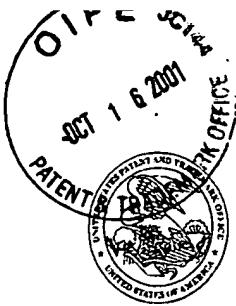
- 4 page Declaration Combined with Power of Attorney
- 4 Page Assignment and Agreement
- 1 Assignment Recordation Form
- 1 page copy of Notice to File Missing Parts of Application
- sheets of formal drawings

The Commissioner is hereby authorized to charge all fees due to Account No. 13-4768. A fee transmittal is enclosed.

SEND CORRESPONDENCE TO:

By:   
Respectfully submitted,  
RANDALL S. VAAS  
Attorney of Record  
Reg. No.: 34,479  
Telephone: (847) 523-2327  
Fax No.: (847) 523-2350

Motorola, Inc.  
Law Department  
Customer Number: 20280



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/884,781	06/19/2001	Mark E. Pecen	CS90039C01

20280  
MOTOROLA INC  
600 NORTH US HIGHWAY 45  
LIBERTYVILLE, IL 60048-5343

CONFIRMATION NO. 3361

FORMALITIES LETTER



\*OC00000006300853\*

Date Mailed: 07/16/2001

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

10/18/2001 BABRAHAI 00000081 134768 09884781  
01 FC:105 130.00 CH



8/5/01

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this  
Submission

Application Number	09/884,781
Filing Date	6/19/01
First Named Inventor	Mark E. Pecen
Group Art Unit	2681
Examiner Name	Unknown
Attorney Docket Number	CS90039C01

## ENCLOSURES

(check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-Related papers	<input type="checkbox"/> of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> {Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Extension of time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter with appropriate copies
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CDs	<input checked="" type="checkbox"/> page Declaration Combined with Power of Attorney
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	<input type="checkbox"/> sheet(s) formal drawings
<input checked="" type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		<input checked="" type="checkbox"/> copy of Notice to File Missing Parts of Application

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Randall S. Vaas	Registration No.	34,479
Signature Date	(Insert Mail date)	10-9-2001	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date listed below:

Typed or printed name	Jennifer Magness		
Signature	<i>Jennifer Magness</i>	Date	10/09/01



PTO/SB/17 (11-00)

**FEE  
TRANSMITTAL**

Patent fees are subject to annual revision

Complete if Known

		Application Number	09/884,781
		Filing Date	6/19/01
		First Named Inventor	Mark E.Pecen
		Examiner Name	
		Group Art Unit	2681
TOTAL AMOUNT OF PAYMENT	(\$ 280.00)	Attorney Docket No.	CS90039 C01

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																																																																											
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number <span style="border: 1px solid black; padding: 2px;">13-4768</span>				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of IDS</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) <span style="border: 1px solid black; padding: 2px;">Surcharge - Late filing fee or oath or declaration</span></td> <td>130.00</td></tr> <tr> <td colspan="4">SUBTOTAL (1) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span></td> <td></td> </tr> <tr> <td colspan="4">         2. EXTRA CLAIM FEES         <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-20** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">18</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Claims</td> <td>-3** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">80</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td><span style="border: 1px solid black; padding: 2px;">270</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> </tbody> </table> </td> <td></td> </tr> <tr> <td colspan="4">         Large Entity Small Entity         <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims Over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> </td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL (2) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span></td> <td>* Reduced by Basic Filing Fee paid</td> </tr> <tr> <td colspan="4"></td> <td>SUBTOTAL (3) <span style="border: 1px solid black; padding: 2px;">(\$ 280.00)</span></td> </tr> <tr> <td colspan="4">**OR NUMBER PREVIOUSLY PAID, IF GREATER. For Reissues, see above</td> <td>Complete (if applicable)</td> </tr> <tr> <td colspan="2">SUBMITTED BY</td> <td colspan="2"></td> <td></td> </tr> <tr> <td>Name (Print/Type)</td> <td colspan="2">Randall S. Vaas</td> <td>Registration No.</td> <td>34,479</td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> <td>Date</td> <td>10-9-2001</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Telephone (847) 523-2327</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late Provisional filing	139	130	139	130	Non-English specification	147	2520	147	2520	For filing a request for ex parte Reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1390	218	695	Extension for reply within fourth month	128	1890	228	945	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1510	138	1510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1240	241	620	Petition to revive - unintentional	142	1240	242	620	Utility issue fee (or reissue)	143	440	243	220	Design issue fee	144	600	244	300	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of IDS	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355	Request for continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application	Other fee (specify) <span style="border: 1px solid black; padding: 2px;">Surcharge - Late filing fee or oath or declaration</span>				130.00	SUBTOTAL (1) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span>					2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-20** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">18</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Claims</td> <td>-3** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">80</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td><span style="border: 1px solid black; padding: 2px;">270</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> </tbody> </table>				Total Claims	Extra Claims	Fee from below	Fee Paid	Independent	-20** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">18</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>	Claims	-3** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">80</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>	Multiple Dependent		<span style="border: 1px solid black; padding: 2px;">270</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>		Large Entity Small Entity <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims Over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	** Reissue independent claims Over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span>				* Reduced by Basic Filing Fee paid					SUBTOTAL (3) <span style="border: 1px solid black; padding: 2px;">(\$ 280.00)</span>	**OR NUMBER PREVIOUSLY PAID, IF GREATER. For Reissues, see above				Complete (if applicable)	SUBMITTED BY					Name (Print/Type)	Randall S. Vaas		Registration No.	34,479	Signature			Date	10-9-2001					Telephone (847) 523-2327
Large Entity	Small Entity																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																																																																																																																											
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																											
127	50	227	25	Surcharge - late Provisional filing																																																																																																																																																																																																																																																											
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																											
147	2520	147	2520	For filing a request for ex parte Reexamination																																																																																																																																																																																																																																																											
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																											
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																											
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																											
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																											
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																											
118	1390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																											
128	1890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																											
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																											
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																											
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																											
138	1510	138	1510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																											
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																											
141	1240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																											
142	1240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																											
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																											
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																											
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																											
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																											
126	180	126	180	Submission of IDS																																																																																																																																																																																																																																																											
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																											
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																											
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																											
179	710	279	355	Request for continued Examination (RCE)																																																																																																																																																																																																																																																											
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																											
Other fee (specify) <span style="border: 1px solid black; padding: 2px;">Surcharge - Late filing fee or oath or declaration</span>				130.00																																																																																																																																																																																																																																																											
SUBTOTAL (1) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span>																																																																																																																																																																																																																																																															
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-20** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">18</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Claims</td> <td>-3** = <span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X <span style="border: 1px solid black; padding: 2px;">80</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td><span style="border: 1px solid black; padding: 2px;">270</span></td> <td>= <span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> </tbody> </table>				Total Claims	Extra Claims	Fee from below	Fee Paid	Independent	-20** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">18</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>	Claims	-3** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">80</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>	Multiple Dependent		<span style="border: 1px solid black; padding: 2px;">270</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>																																																																																																																																																																																																																																												
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																																																												
Independent	-20** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">18</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>																																																																																																																																																																																																																																																												
Claims	-3** = <span style="border: 1px solid black; padding: 2px;">0</span>	X <span style="border: 1px solid black; padding: 2px;">80</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>																																																																																																																																																																																																																																																												
Multiple Dependent		<span style="border: 1px solid black; padding: 2px;">270</span>	= <span style="border: 1px solid black; padding: 2px;">0</span>																																																																																																																																																																																																																																																												
Large Entity Small Entity <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims Over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	** Reissue independent claims Over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																																																																																																																											
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																											
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																											
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																											
109	80	209	40	** Reissue independent claims Over original patent																																																																																																																																																																																																																																																											
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																											
SUBTOTAL (2) <span style="border: 1px solid black; padding: 2px;">(\$ 0)</span>				* Reduced by Basic Filing Fee paid																																																																																																																																																																																																																																																											
				SUBTOTAL (3) <span style="border: 1px solid black; padding: 2px;">(\$ 280.00)</span>																																																																																																																																																																																																																																																											
**OR NUMBER PREVIOUSLY PAID, IF GREATER. For Reissues, see above				Complete (if applicable)																																																																																																																																																																																																																																																											
SUBMITTED BY																																																																																																																																																																																																																																																															
Name (Print/Type)	Randall S. Vaas		Registration No.	34,479																																																																																																																																																																																																																																																											
Signature			Date	10-9-2001																																																																																																																																																																																																																																																											
				Telephone (847) 523-2327																																																																																																																																																																																																																																																											